

Product datasheet

Recombinant mouse CD80 protein (Active) ab271372

2 Images

Description

Product name	Recombinant mouse CD80 protein (Active)	
Biological activity	Active in a Mouse CTLA4:CD80 TR-FRET assay.	
Purity	>= 90 % SDS-PAGE.	
Expression system	HEK 293 cells	
Accession	<u>Q00609</u>	
Protein length	Protein fragment	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	VDEQLSKSVK DKVLLPCRYN SPHEDESEDR YWQKHDKVV LSVIAGKLV WPEYKNRTLY DNTTYSLLI GLVLSDRGTY SCVVQKKERG TYEVKHLALV KLSIKADFST PNITESGNPS ADTKRITCFA SGGFPKPRFS WLENGRELPG INTTISQDPE SELYTISSQL DFNTTRNHTI KCLIKYGDAH VSEDFTWEKP PEDPPDSKN	
Predicted molecular weight	28 kDa including tags	
Molecular weight information	Protein runs at higher MW on SDS-PAGE due to glycosylation.	
Amino acids	38 to 246	
Tags	His tag C-Terminus , DDDDK tag C-Terminus , Avi tag C-Terminus	
Additional sequence information	Genbank: NM_009855	

Specifications

Our **Abpromise guarantee** covers the use of **ab271372** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Functional Studies

SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage

Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 0.13% Sodium phosphate, 0.64% Sodium chloride, 0.02% Potassium chloride, 20% Glycerol (glycerin, glycerine)

This product is an active protein and may elicit a biological response in vivo, handle with caution.

General Info

Function

Involved in the costimulatory signal essential for T-lymphocyte activation. T-cell proliferation and cytokine production is induced by the binding of CD28 or CTLA-4 to this receptor.

Tissue specificity

Expressed on activated B-cells, macrophages and dendritic cells.

Sequence similarities

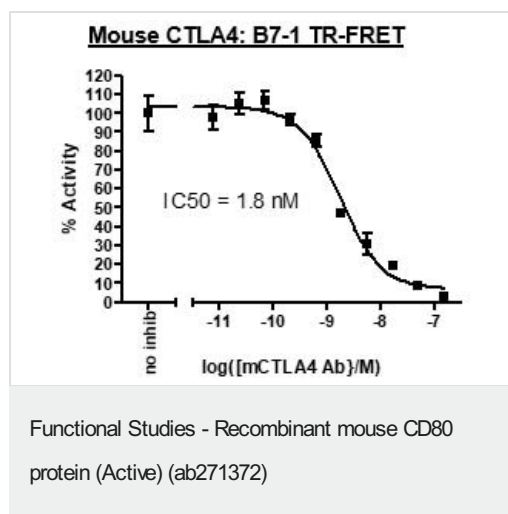
Contains 1 Ig-like C2-type (immunoglobulin-like) domain.

Contains 1 Ig-like V-type (immunoglobulin-like) domain.

Cellular localization

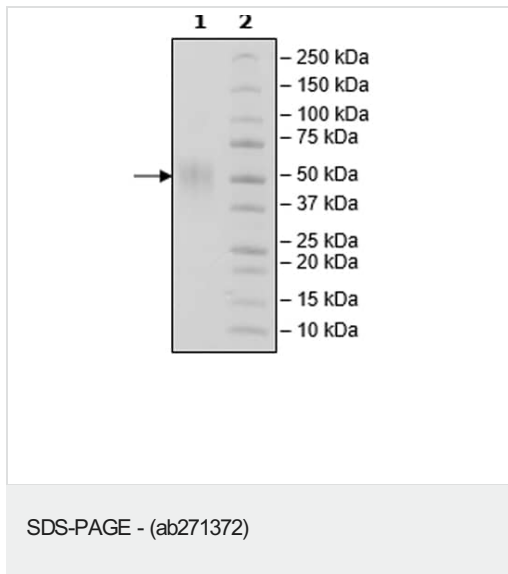
Membrane.

Images



Functional analysis of ab271372 in a mouse CTLA4:CD80 TR-FRET assay.

Note: B7-1 = CD80.



SDS-PAGE analysis of ab271372.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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